

AMENDMENTS TO THE CLAIMS

1. Claim 1 (canceled).
2. Claim 2 (canceled).
3. Claim 3 (canceled).
4. Claim 4 (canceled).

5. Claim 5 (previously amended): A capillary device for vaporizing liquid, comprising:

a vaporizer component having a liquid receiving surface to receive liquid and a vaporization area in which vapor is produced from the liquid;

a heat transfer component to convey heat to the vaporization component, the heat transfer component further comprising at least one opening to release vapor at a velocity greater than zero; and

a porous insulation component capable of at least substantially shielding the liquid from the heat prior to vaporization;

wherein the vaporizer component, heat transfer component and insulation component are in annular arrangement, and further wherein fluid flow is from a center area of the device to an outer periphery of the device.

6. Claim 6 (previously amended): The device of claim 5, wherein the heat transfer component is an internal heater proximal to the outer periphery of the device.

7. Claim 7 (previously amended): A device for vaporizing liquid, comprising:

a vaporizer component having a liquid receiving surface to receive liquid and a vaporization area in which vapor is produced from the liquid;

a heat transfer component to convey heat to the vaporization component, the heat transfer component further comprising at least one opening to release vapor at a velocity greater than zero; and

a porous insulation component capable of at least substantially shielding the liquid from the heat prior to vaporization; and

wherein the vaporizer component, heat transfer component and insulation component are in annular arrangement, and further wherein fluid flow is from an outer periphery of the device to a center area of the device.

8. Claim 8 (previously amended): The device of claim 5, wherein the heat transfer component is an internal heater proximal to the center area of the device.

- 9. Claim 9 (canceled).
- 10. Claim 10 (canceled).
- 11. Claim 11 (canceled).
- 12. Claim 12 (canceled).
- 13. Claim 13 (canceled).
- 14. Claim 14 (canceled).
- 15. Claim 15 (canceled).
- 16. Claim 16 (canceled).
- 17. Claim 17 (canceled).
- 18. Claim 18 (cancelled).
- 19. Claim 19 (canceled).
- 20. Claim 20 (canceled).
- 21. Claim 21 (canceled).
- 22. Claim 22 (canceled).
- 23. Claim 23 (canceled).
- 24. Claim 24 (canceled).

- 25. Claim 25 (canceled).
- 26. Claim 26 (canceled).
- 27. Claim 27 (canceled).
- 28. Claim 28 (canceled).
- 29. Claim 29 (canceled).
- 30. Claim 30 (canceled).
- 31. Claim 31 (canceled).
- 32. Claim 32 (canceled).